In step **3***k*, the means **100***c* reads the subscriber's number of the caller recorded in the area **26***c* and causes the display section **24** to display the subscriber's number and that there is an incoming call such as "INCOMING CALL" and "MESSAGE" to which the user does not respond. The flows goes to step **31**. In step **31**, the completion of a call in the speech pass established by the above incoming call is executed.

If the subscriber's number of the caller is not noticed, only the incoming call to which the user does not respond is displayed.

When a user is not moving at high speed, the terminal apparatus having the above constitution performs a normal terminating operation. When a user is moving at high speed, the apparatus automatically responds to an incoming call, transmits a response message, and stores a message input by a communication party.

Consequently, the above terminal apparatus is capable of insuring safety in driving a car and having good manners in a train without changing a function set in accordance with user's situations.

Even when the terminal apparatus responds to an incoming call in place of a user, the user can easily return a call to the caller since the response to the incoming call and the subscriber's number of the caller are both stored in the subscriber's number storage area **26***c*.

In the terminal apparatus having the foregoing structure, a user's moving speed is detected by the fading pitch. Unlike the prior art car-telephone apparatus as disclosed in Jpn. Pat. Appln. KOKAI Publication No. 5-105005, the terminal apparatus of the present invention does not rely upon the moving speed information sensed by a speed sensor of a car; accordingly, it does not require any special connection with the car.

The above prior art car-telephone apparatus cannot be employed in a train or the like in which no moving speed information can be obtained from a speed sensor. However, in the terminal apparatus of the present invention, the moving speed is sensed by the fading pitch, so that it produces good effects even when a user gets on any moving vehicle.

The present invention is not limited to the above embodiment. In the embodiment, a message of a communication party is recorded when a user is moving at high speed. However, for example, a so-called hand-free function, which allows a user to speak through an automatic response when an incoming call is made at the time of high-speed movement, can be fulfilled.

Furthermore, the control section **100** can include an incoming call notification control means by which a user selects an incoming call notification of the sounding body **27***a* and that of the vibrating body **27***b* in accordance with the moving speed, thereby to notify the user of the incoming call only by the vibrating body **27***b* at the time of high-speed movement. Thus, for a user who often gets on a train, the incoming call notification method is automatically switched in accordance with the condition where the user gets on a train and the other condition where the user is not moving at high speed.

In the foregoing embodiment, the terminal apparatus is of a PDC system. However, even though the present invention is applied to a terminal apparatus of another system, e.g., a PCS system, the same advantage can be obtained. Various changes and modifications can be made without departing from the scope of the subject matter of the present invention.

Additional advantages and modifications will readily occurs to those skilled in the art. Therefore, the invention in its broader aspects is not limited to the specific details and representative embodiments shown and described herein. Accordingly, various modifications may be made without departing from the spirit or scope of the general inventive concept as defined by the appended claims and their equivalents.

What is claimed is:

1. A radio communication apparatus for establishing communications over a radio channel, comprising:

moving speed detection means for determining whether a moving speed of said radio communication apparatus exceeds a predetermined value from a fading pitch of a received signal; and

incoming call control means for responding to an incoming call and notifying that said radio communication apparatus is moving in cases where said moving speed detection means determines that the moving speed of said radio communication apparatus exceeds the predetermined value.

2. The apparatus according to claim **1**, wherein the apparatus further comprises voice data storage means for storing a voice message, and the incoming call control means responds to the incoming call and transmits the voice message stored in the voice data storage means to a communication party when the moving speed detected by the moving speed detection means is higher than a preset speed level.

3. The apparatus according to claim **2**, further comprising non-response incoming call notification means for notifying a user of an incoming call to which the user does not respond when the incoming call control means control the incoming call.

4. The apparatus according to claim **2**, wherein the incoming call control means responds to the incoming call, transmits the voice message stored in the voice data storage means to a communication party, and records voice data transmitted from the communication party in the voice data storage means, when the moving speed detected by the moving speed detection means is higher than a preset speed level.

5. The apparatus according to claim **4**, further comprising non-response incoming call notification means for notifying a user of an incoming call to which the user does not respond when the incoming call control means control the incoming call.

6. The apparatus according to claim **1**, wherein the apparatus further comprises voice data storage means for storing a voice message and a mode selection means for selecting a first mode and a second mode, and the incoming call control means does not control a notification of the incoming call when the moving speed detected by the moving speed detection means is higher than a preset speed level and the first mode is selected by the mode selection means, and responds to the incoming call and transmits the voice message stored in the voice data storage means to a communication party when the second mode is selected by the mode selection means.

7. The apparatus according to claim **6**, further comprising non-response incoming call notification means for notifying a user of an incoming call to which the user does not respond when the incoming call control means control the incoming call.

8. The apparatus according to claim **1**, wherein the apparatus further comprises voice data storage means for storing a voice message and a mode selection means for selecting a first mode and a second mode, and the incoming call control means does not control a notification of the incoming call when the moving speed detected by the moving speed detection means is higher than a preset speed